Explosionproof ATEX Ex-i digital thermocouple thermometer

Specifications / Approval	
ATEX approval	Intrinsically safe zone 1 Gas, II 2 G Ex ib IIB T4 Gb
Certificate	TÜV 13 ATEX 117115 X
Input	
Thermocouple selectable	Type J, K, L, N, T
Standard	According IEC 60584-1
Measuring range	-200°C up to 1370°C
Resolution	0.1 degree over the full range
Accuracy	
-40°C...+200°C	±0,2°C with internal cold junction compensation
200°C up to 1000°C	±0,5°C with internal cold junction compensation
>1000°C	±1,0°C with internal cold junction compensation
Model numbers	
P710	1-Channel input
P715	2-Channel input
Functions	
Measuring rate	1 to 4 measurements per second
Memory	Min./Max. memory, Hold
Function selsction	With keypad
Display	LCD 4 1/2 digit 1 or 2 lijns
Power supply	
Battery	9 Volt
Battery life	Auto power off function, typical 20 hours continue.
Ambient temperature	0 to 40°C
Storage temperature	-10 to 50°C
Housing	
Material	Sturdy ABS
Dimmensions	200 x 93 x 44mm
Weight	Instrument weight 300 gram
Sensor connection	8-Pole DIN connector
Options	
Carrying case	Suitable for Instrument and probe
Thermocouple probes	
LCD backlighting	Green LED illumination
Models	Surface probes (Contact and Magnetic)
	Insertion probes Liquid/Gas
	Air / Gas probes
	Tank probe with cable
Probes to choose	Please contact us for the right probe for your application
Units	Selectable °C / °F

Ordering code

*This datasheet is purely indicative, build-up of model code may vary from this datasheet.

Model	P710 - P715 serie	P710	P715	5600/7
1-Channel		↑		
2-Channels			↑	
Carrying case				↑

05/19

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temperature sensor solutions

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